

Converting Colors

YIQ(125.3120, 54.7300, 76.4420)

Have a look what the booklet for
YIQ(125.3120, 54.7300, 76.4420)
contains.

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Color

**YIQ(125.3120, 54.7300,
76.4420)**

Conversions

Conversions Part 1

Format	Color
Hex	E13DC3
RGB	225, 61, 195
RGB Percent	88%, 24%, 76%
CMY	0.1172, 0.7610, 0.2352
CMYK	0.00, 0.73, 0.13, 0.12
HSL	311°, 73%, 56%
HSV	311°, 73%, 88%
XYZ	42.6077, 23.2986, 53.8983
YIQ	125.3120, 54.7300, 76.4420

Conversions

Conversions Part 2

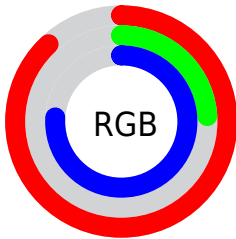
Format	Color
R _{YB}	225, 61, 195
Decimal	14761411
CIE _{Lab}	55.38, 75.00, -35.14
CIE _{LCh}	55, 82.825, 334.893
Yxy	23.2986, 0.3556, 0.1945
Android (android.graphics.Color)	4292951491 (0xFFE13DC3)
YUV	125.3120, 34.3562, 87.4264
Hunter-Lab	48.2686, 73.0956, -32.4171

Details

The YIQ color **125.3120, 54.7300, 76.4420** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **160.6880, -54.7300, -76.4420**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.1740, 37.2630, 68.1030**, and **65.7080, 53.6750, 79.0430** is the 20% darker color. If you saturate the color by 10%, you get **111.3550, 62.3390, 87.2270**, and if you desaturate by 10%, it is **138.6820, 47.3960, 66.1800**.

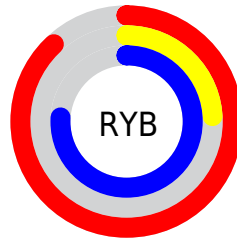
Distribution



Red (88%)

Green (24%)

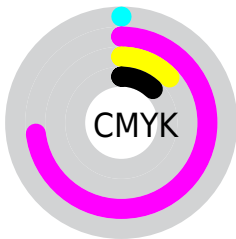
Blue (76%)



Red (88%)

Yellow (24%)

Blue (76%)

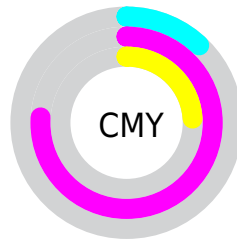


Cyan (0%)

Magenta (73%)

Yellow (13%)

Black (12%)



Cyan (12%)

Magenta (76%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 125.3120, 54.7300, 76.4420 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 125.3120, 54.7300, 76.4420 by changing the saturation by 10% instead.

125.3120, 54.7300,
76.4420

125.3120, 54.7300,
76.4420

255.0000, -0.0000,
-0.0000

86.8490, 57.8920,
85.2200

177.1740, 37.2630,
68.1030

65.7080, 53.6750,
79.0430

194.5390, 28.3250,
53.8690

54.0730, 44.7370,
64.8090

212.1490, 20.0750,
38.1790

42.5520, 35.4780,
50.8860

229.1720, 12.1000,
23.0120

31.4440, 26.4940,
37.4860

246.7820, 3.8500,
7.3220

20.7490, 17.7850,
24.6090

7.7760, 3.9870,

10.3470

■ 0.0000, 0.0000,
0.0000

■ 125.3120, 54.7300,
76.4420

■ 125.3120, 54.7300,
76.4420

■ 111.3550, 62.3390,
87.2270

■ 138.6820, 47.3960,
66.1800

■ 97.9850, 69.6730,
97.4890

■ 152.6390, 39.7870,
55.3950

■ 88.2510, 75.0360,
104.9240

■ 166.0090, 32.4530,
45.1330

■ 180.0800, 24.5230,
34.6590

■ 194.0370, 16.9140,
23.8740

■ 207.4070, 9.5800,
13.6120

■ 221.3640, 1.9710,
2.8270

■ 234.7340, -5.3630,
-7.4350

■ 243.4080,
-10.4970, -13.5130

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



133.9950, -25.6850, 52.5150



125.3120, 54.7300, 76.4420



103.2950, 106.1260, 81.1180

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



125.3120, 54.7300, 76.4420



123.5080, 52.5500, -38.2820



119.4900, -113.2440, -18.1720

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



125.3120, 54.7300, 76.4420



160.6880, -54.7300, -76.4420

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



111.9830, -90.7280, -40.7760



125.3120, 54.7300, 76.4420



110.1650, 1.3870, -63.7090

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



125.3120, 54.7300, 76.4420



123.5280, 94.4970, -11.0310



100.9710, -65.2320, -62.3200



120.6420, -124.7550, -2.2830

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



125.3120, 54.7300, 76.4420



111.1280, 112.8250, 53.3130



100.9710, -65.2320, -62.3200



117.5690, -106.4570, -25.5370

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



125.3120, 54.7300, 76.4420



220.9880, 18.6100, 26.1780



87.7690, -36.5520, 56.7280



107.2440, 11.5970, 15.6050



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



125.3120, 54.7300, 76.4420



118.8380, 74.7610, 104.4010



116.3060, 80.0890, 51.8730



105.3150, 3.6670, 5.1310



69.0400, 58.6720, 82.0960



18.9120, 15.7680, 22.6160

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



125.3120, 54.7300, 76.4420



118.8380, 74.7610, 104.4010



169.6940, -80.0890, -51.8730



105.3150, 3.6670, 5.1310



69.0400, 58.6720, 82.0960



18.9120, 15.7680, 22.6160

Previews

White Background



This preview shows how the YIQ color 125.3120, 54.7300, 76.4420 looks on a white background.

Color Contrast Check

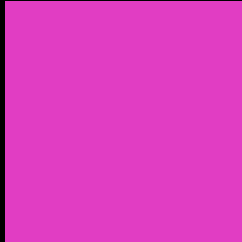
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 125.3120, 54.7300, 76.4420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

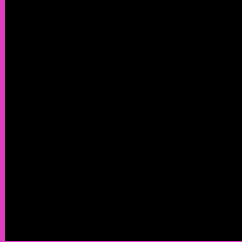
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 125.3120, 54.7300, 76.4420

Background



This preview shows how black text looks on a background with the YIQ color 125.3120, 54.7300, 76.4420.



This preview shows how white text looks on a background with the YIQ color 125.3120, 54.7300,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

125.3120, 54.7300, 76.4420

Protanopia

123.7010, -78.5440, 24.7840

Deuteranopia

132.6710, -26.2740, 13.6140



Tritanopia

130.4610, 71.3820, 27.9420

Trichromacy



Original Color

125.3120, 54.7300, 76.4420



Protanomaly

124.2730, -29.7640, 43.8360



Deuteranomaly

130.4120, 3.1570, 36.4130



Tritanomaly

128.3040, 65.2350, 45.7390

Monochromacy



Original Color

125.3120, 54.7300, 76.4420



Achromatopsia

125.0000, 0.0000, 0.0000



Achromatomaly

125.1130, 19.7560, 27.4360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 125.3120, 54.7300, 76.4420 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(225, 61, 195)` looks like.

```
.text, #text, p{  
    color:rgb(225, 61, 195)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(225, 61, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 61, 195) }
```

Border

The CSS property to change the border of an element to YIQ 125.3120, 54.7300, 76.4420 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(225, 61, 195) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(225, 61, 195) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(225, 61, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 61, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 61, 195); box-shadow:4px 4px 4px 4px rgb(225, 61, 195) }
```

Background

The CSS property to change the background color of an element to YIQ 125.3120, 54.7300, 76.4420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 61, 195) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(225, 61,  
195) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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